Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29	US-3891302-\$.DID. OR US-3916182-\$.DID. OR US-3968476-\$.DID. OR US-4011435-\$.DID. OR US-4023010-\$.DID. OR US-4053228-\$. DID. OR US-4131337-\$.DID. OR US-4168146-\$.DID. OR US-4131337-\$.DID. OR US-4168146-\$.DID. OR US-4445229-\$.DID. OR US-4301139-\$.DID. OR US-4386274-\$.DID. OR US-4445229-\$.DID. OR US-4447546-\$.DID. OR US-4560881-\$.DID. OR US-4562157-\$. DID. OR US-4647544-\$.DID. OR US-4678752-\$.DID. OR US-4685480-\$.DID. OR US-4690907-\$.DID. OR US-4716121-\$.DID. OR US-4725110-\$.DID. OR US-4740468-\$.DID. OR US-4740688-\$. DID. OR US-4748110-\$.DID. OR US-4767719-\$.DID. OR US-4807950-\$.DID. OR US-4816659-\$.DID. OR US-4841140-\$.DID. OR US-4877747-\$.DID. OR US-4880752-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:04
L2	1	US-4882288-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:04
L3	28	US-4931384-\$.DID. OR US-4937048-\$.DID. OR US-4958376-\$.DID. OR US-4992385-\$.DID. OR US-5003600-\$.DID. OR US-5030558-\$. DID. OR US-5033826-\$.DID. OR US-5065008-\$.DID. OR US-5089387-\$.DID. OR US-5067155-\$.DID. OR US-5081012-\$.DID. OR US-5089387-\$.DID. OR US-5090807-\$.DID. OR US-5095194-\$.DID. OR US-5100238-\$. DID. OR US-5104209-\$.DID. OR US-5115121-\$.DID. OR US-5118608-\$. DID. OR US-5129974-\$.DID. OR US-5138468-\$.DID. OR US-5141848-\$.DID. OR US-5144461-\$.DID. OR US-5166813-\$.DID. OR US-5192980-\$.DID. OR US-5196350-\$.DID. OR US-5291027-\$. DID. OR US-5291027-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:04
L4	1	US-5300764-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:05
L5	31	US-5307332-\$.DID. OR US-5310686-\$.DID. OR US-5342790-\$.DID. OR US-5349442-\$.DID. OR US-5352582-\$.DID. OR US-5364797-\$. DID. OR US-5367588-\$.DID. OR US-5372783-\$.DID. OR US-5374816-\$.DID. OR US-5374818-\$.DID. OR US-5388173-\$.DID. OR US-5394234-\$.DID. OR US-5395558-\$.DID. OR US-546297-\$. DID. OR US-5442433-\$.DID. OR US-5448659-\$.DID. OR US-5461475-\$.DID. OR US-5451528-\$.DID. OR US-546649-\$.DID. OR US-5506674-\$. DID. OR US-5514785-\$.DID. OR US-5506674-\$. DID. OR US-5514785-\$.DID. OR US-55587832-\$.DID. OR US-5607188-\$.DID. OR US-5621515-\$. DID. OR US-5624850-\$.DID. OR US-5621515-\$.	US-PGPUB; USPAT; USOCR	OR	ОИ	2007/10/16 18:05
L6	1	US-5625472-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:06
L7	31	US-5627040-\$.DID. OR US-5627663-\$.DID. OR US-5633724-\$.DID. OR US-5663790-\$.DID. OR US-5667976-\$.DID. OR US-5671308-\$. DID. OR US-5712912-\$.DID. OR US-5721435-\$.DID. OR US-5712912-\$.DID. OR US-5721435-\$.DID. OR US-5742432-\$.DID. OR US-5729365-\$.DID. OR US-5736330-\$.DID. OR US-5742432-\$.DID. OR US-5745617-\$.DID. OR US-5759778-\$.DID. OR US-5760961-\$. DID. OR US-5766956-\$.DID. OR US-576694-\$.DID. OR US-5793502-\$.DID. OR US-5798273-\$.DID. OR US-58912272-\$. DID. OR US-5801857-\$.DID. OR US-5804384-\$.DID. OR US-5812272-\$. DID. OR US-5822472-\$.DID. OR US-5824478-\$.DID. OR US-582475-\$.DID. OR US-5824557-\$.DID. OR US-5831698-\$.DID. OR US-5837475-\$.DID. OR US-5841555-\$.DID. OR US-5846737-\$.DID. OR US-5874187-\$. DID. OR US-5895750-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16
L8	1	US-5922550-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:07

			110 505::-	Los	T 611	0007.40.41
L9	25	US-5925562-\$.DID. OR US-5925878-\$.DID. OR US-5945679-\$.DID. OR US-5972542-\$.DID. OR US-5976896-\$.DID. OR US-5981166-\$. DID. OR US-5986838-\$.DID. OR US-5989923-\$.DID. OR US-5998796-\$.DID. OR US-6001510-\$.DID. OR US-6017754-\$.DID. OR US-6025129-\$.DID. OR US-6025283-\$.DID. OR US-6036807-\$. DID. OR US-6043880-\$.DID. OR US-6049727-\$.DID. OR US-6057107-\$.DID. OR US-6060256-\$.DID. OR US-6067392-\$.DID. OR US-6078048-\$.DID. OR US-6096996-\$.DID. OR US-6096496-\$.DID. OR US-6096596-\$.DID. OR US-6097485-\$.DID. OR US-6096596-\$.DID. OR US-6097485-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:07
L10	1	US-6103535-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:07
L11	24	US-6118127-\$.DID. OR US-6128077-\$.DID. OR US-6137931-\$.DID. OR US-6143247-\$.DID. OR US-6156501-\$.DID. OR US-6160240-\$.DID. OR US-6160656-\$.DID. OR US-6164548-\$.DID. OR US-6165592-\$. DID. OR US-6165648-\$.DID. OR US-6194563-\$.DID. OR US-6204969-\$.DID. OR US-6218194-\$.DID. OR US-6221579-\$.DID. OR US-6229635-\$.DID. OR US-6229827-\$.DID. OR US-6229941-\$. DID. OR US-6259450-\$.DID. OR US-6268128-\$.DID. OR US-6277628-\$.DID. OR US-6284459-\$.DID. OR US-6285806-\$.DID. OR US-6288220-\$.DID. OR US-629282-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:08
L12	24	US-6292319-\$.DID. OR US-6301047-\$.DID. OR US-6304263-\$.DID. OR US-6306587-\$.DID. OR US-6309601-\$.DID. OR US-6312961-\$. DID. OR US-6313771-\$.DID. OR US-6314220-\$.DID. OR US-631968-\$.DID. OR US-6322932-\$.DID. OR US-6329963-\$.DID. OR US-6331273-\$.DID. OR US-6340588-\$.DID. OR US-6352854-\$. DID. OR US-6355198-\$.DID. OR US-6356681-\$.DID. OR US-6361958-\$.DID. OR US-6371370-\$.DID. OR US-6372428-\$.DID. OR US-6391562-\$.DID. OR US-6395558-\$. DID. OR US-6399295-\$.DID. OR US-6399935-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:08
L13	24	US-6403320-\$.DID. OR US-6406841-\$.DID. OR US-6406848-\$.DID. OR US-6416714-\$.DID. OR US-6416952-\$.DID. OR US-6417010-\$.DID. OR US-6428707-\$.DID. OR US-6428957-\$.DID. OR US-6429022-\$. DID. OR US-6433849-\$.DID. OR US-6436651-\$.DID. OR US-6433849-\$.DID. OR US-6436651-\$.DID. OR US-6462770-\$.DID. OR US-6440667-\$.DID. OR US-6456762-\$.DID. OR US-6462770-\$.DID. OR US-6489606-\$.DID. OR US-6496287-\$.DID. OR US-6506342-\$. DID. OR US-6515753-\$.DID. OR US-6522406-\$.DID. OR US-6524793-\$.DID. OR US-6533183-\$.DID. OR US-6544739-\$.DID. OR US-6560017-\$.DID. OR US-6565770-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:09
L14		US-6576424-\$.DID. OR US-6592036-\$.DID. OR US-6594421-\$.DID. OR US-6609728-\$.DID. OR US-6613581-\$.DID. OR US-6618342-\$. DID. OR US-6622916-\$.DID. OR US-6628439-\$.DID. OR US-6632655-\$.DID. OR US-6635470-\$.DID. OR US-6635863-\$.DID. OR US-6646243-\$.DID. OR US-6657758-\$.DID. OR US-6678429-\$. DID. OR US-6689316-\$.DID. OR US-6692031-\$.DID. OR US-6692912-\$.DID. OR US-7092160-\$.DID. OR US-7106513-\$.DID. OR US-7126755-\$.DID. OR US-7106513-\$.DID. OR US-20020022273-\$.DID. OR US-20020025534-\$.DID. OR US-20020034747-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:09
L15	24	US-20020039732-\$.DID. OR US-20020074513-\$.DID. OR US-20020090650-\$.DID. OR US-20030008323-\$.DID. OR US-20030021003-\$.DID. OR US-2003002203-\$.DID. OR US-20030077038-\$.DID. OR US-20030129654-\$.DID. OR US-20030138208-\$.DID. OR US-20030184730-\$.DID. OR US-20040075907-\$.DID. OR US-20040132205-\$.DID. OR US-20040170356-\$.DID. OR US-20040175842-\$.DID. OR US-20040209376-\$.DID. OR US-20040263923-\$.DID. OR US-20050220408-\$.DID. OR US-20050227252-\$.DID. OR US-200502270603-\$.DID. OR US-200502270603-\$.DID. OR US-200502270603-\$.DID. OR US-20060023310-\$.DID. OR US-20060028727-\$.DID. OR US-20060063271-\$.DID. OR US-20060063271-\$.DID. OR US-20060063271-\$.DID. OR US-20060067729-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/16 18:10

13				i .	1		
LISPAT: USCOC: EPO. JPO: DERWENT USCOC: DERWENT	L16	13	US-20060119913-\$.DID. OR US-20060132877-\$.DID. OR US-20060134324-\$.DID. OR US-20060139635-\$.DID. OR US-20060160208-\$.DID. OR US-20070121181-\$.DID. OR US-5160701-\$.DID. OR US-6027694-\$.DID. OR US-6908737-\$.DID.		OR	ON	2007/10/16 18:11
LIB	L17	4	(("re33581") or ("re37473") or ("re37891") or ("re38430")).PN.	USPAT; USOCR; EPO; JPO;	OR	OFF	2007/10/16 18:12
DR US-472626_0_EDLD OR US-528377-\$.DID. OR US-5307332-\$. DDLD OR US-5610287-\$.DDLD OR US-5610287-\$.DDLD OR US-583167-\$.DDLD OR US-5832107-\$.DDLD OR US-583267-\$.DDLD OR US-50320047-\$.DDLD OR US-50320047-\$.DDLD OR US-50320047-\$.DDLD OR US-50320047-\$.DDLD OR US-50320047-\$.DDLD OR US-50320047-\$.DDLD OR US-503200245-\$.DDLD OR US-50320228-\$.DDLD OR US-502020047-\$.DDLD OR US-50320228-\$.DDLD OR US-502020047-\$.DDLD OR US-50320228-\$.DDLD OR US-502020047-\$.DDLD OR US-5030228-\$.DDLD OR US-502040125370-\$.DDLD OR US-504012547-\$.DDLD OR US-5040125370-\$.DDLD OR US-504012547-\$.DDLD OR U				IBW_TDB		1	
U.S-6356681-\$, DTD. OR U.S-6383764-\$, DTD. OR U.S-20020094628-\$, DTD. OR U.S-6042673-\$, DTD. OR U.S-20020097658-\$, DTD. OR U.S-20040047030-\$, DTD. OR U.S-20030028610-\$, DTD. OR U.S-2004010634-\$, DTD. OR U.S-20040126370-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-20040126370-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-20040126370-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-20040126475-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-20040126475-\$, DTD. OR U.S-2004012642-\$, DTD. OR U.S-2004012641-\$, DTD. OR U.S-2004012641-\$	L18	17	OR US-4762420-\$.DID. OR US-5283777-\$.DID. OR US-5307332-\$. DID. OR US-5610287-\$.DID. OR US-5745615-\$.DID. OR US-5771251-\$.DID. OR US-5830622-\$.DID. OR US-5837552-\$.DID. OR US-5881197-\$.DID. OR US-5922617-\$.DID. OR US-6030581-\$. DID. OR US-6035082-\$.DID. OR US-6242056-\$.DID. OR	USPAT;	OR	ON	2007/10/16 18:12
(substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L21 11 ((435/6).CCL.S.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L22 168 (((435/6).CCL.S.) and (((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$ near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) L23 161 ((435/6).CCL.S.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4) L23 161 ((435/6).CCL.S.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L24 230 ((((436/518).CCL.S.) or ((436/524).CCL.S.) or ((436/528).CCL.S.) or ((436/526).CCL.S.) or ((436/527).CCL.S.) or ((436/528).CCL.S.) or ((436/527).CCL.S.) or ((436/528).CCL.S.) or ((436/528).CCL.S.) or ((436/527).CCL.S.) or ((436/528).CCL.S.) or ((436/528).CCL.	L19		US-6356681-\$.DID. OR US-6383754-\$.DID. OR US-20020094528-\$. DID. OR US-20020097658-\$.DID. OR US-20020155490-\$.DID. OR US-6542673-\$.DID. OR US-6545758-\$.DID. OR US-6660147-\$.DID. OR US-20030228610-\$.DID. OR US-20040047030-\$.DID. OR US-20040100636-\$.DID. OR US-20040125370-\$.DID. OR US-20040125424-\$.DID. OR US-20040126875-\$.DID. OR US-20040233485-\$.DID. OR US-20050042764-\$.DID. OR	USPAT;	OR	ON	2007/10/16 18:13
L21 11 ((435/6).CCL.S.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L22 168 (((435/6).CCL.S.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) L23 161 ((435/6).CCL.S.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L24 230 ((((436/518).CCL.S.) or ((436/524).CCL.S.) or ((436/525).CCL.S.) or ((436/526).CCL.S.) or ((436/526).CCL.S.) or ((436/527).CCL.S.) or ((436/528).CCL.S.) or ((436/531).CCL.S.)) and grating) and (refract\$ near3 ind\$4) CR USPAT; EPO; JPO; DERWENT : IBM_TDB US-P6PUB; U	L20	17	(substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or	USPAT; EPO; JPO; DERWENT ;	OR	ON	
L22 168 ((((435/6).CCLS.)) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) L23 161 (((435/6).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or ion or molecule or atom\$2)) L24 230 ((((436/518).CCLS.)) or ((436/524).CCLS.)) or ((436/525).CCLS.) or (((436/526).CCLS.)) or ((436/527).CCLS.)) or ((436/528).CCLS.) or (((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4) US-PGPUB; US-PGPUB; OR USPAT; EPO; JPO; DERWENT ; IBM_TDB US-PGPUB; OR US-PGP	L21	11	(optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	
and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) 161 (((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or ion or molecule or atom\$2)) 182				IBW_TDB			
L23 161 ((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (aptic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L24 230 ((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4) CR US-PGPUB; US-PGP	L22	168	and (substrate or (optic\$4 near3 fiber)) and (chemical or species or	USPAT; EPO; JPO;	OR	ON	
same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) L24 230 ((((436/518).CCL.S.) or ((436/524).CCL.S.) or ((436/525).CCL.S.) or ((436/526).CCL.S.) or ((436/526).CCL.S.) or ((436/526).CCL.S.) or ((436/531).CCL.S.)) and grating) and (refract\$ near3 ind\$4) L25 USPAT; EPO; JPO; DERWENT 19:54 19:54 19:54 19:54 19:54				IBW_TDB			
((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4) USPAT; EPO; JPO; DERWENT; ;	L23	161	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay	USPAT; EPO; JPO; DERWENT ;	OR	ON	1
	L24	230	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	USPAT; EPO; JPO;	OR	ON	
				IBM_TDB			

L25 2		(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.11).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/58).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-P6PUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 19:54
L26 3		(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 19:55
L27 4		(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OX	2007/10/16
L28 9	-	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 19:55
L29 300		((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 19:55
L30 2		L29 and ((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/16 19:55
L31 5		L29 and (((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) same (refract\$ near3 ind\$4)) and (substrate or base) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2007/10/16 19:55
	\perp	,	IBM_TDB			

(infersat\$ mean3 ind\$4) and [particle or bead or microparticle or micropartice) or micropartice in micropartice in micropartice or micropart	L32	29	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and	US-PGPUB;	OR	ON	2007/10/16
1.33 35 ((grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microphead or microparticle or microparticle or microphead or microparticle or			(refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or	USPAT; EPO; JPO;			1
1.33 35 ((grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microphead or microparticle or microparticle or microphead or microparticle or				IBM_TDB			
L34 35 ((grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle	L33	35	microparticle or microbead or micro?particle or micro?bead or (micro	US-PGPUB; USPAT; EPO; JPO;	OR	ОИ	1
microparticle or microbad or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))).clm. CPPC, IPO; DERWENT				IBM_TDB			
S1	L34	35	microparticle or microbead or micro?particle or micro?bead or (micro	USPAT; EPO; JPO;	OR	ON	
USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PEPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PEPUB; USOCR; EPO; JPO; DERWENT; USOCR; EPO; JPO; DERW				IBM_TDB			
\$2 903 (359/566).CCLS. \$\begin{array}{c ccccccccccccccccccccccccccccccccccc	51	232	(359/2). <i>CC</i> LS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
USPAT; USOCR: EPO; JPO; DERWENT 19:06 19:06				IBM_TDB			
S3 676 (359/569).CCLS.	52	903	(359/566).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ļ	į		IBM_TDB			
S4 325 (359/558).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB OFF 2004/09/26 19:06 S5 278 (359/571).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB OFF 2004/09/26 19:06 S6 330 (359/572).CCLS. US-PGPUB; OR OR OFF 2004/09/26	53	_. 676	(359/569).CCLS.	USPAT; USOCR; EPO; JPO;	OR .	OFF	
S4 325 (359/558).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB OFF 2004/09/26 19:06 S5 278 (359/571).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB OFF 2004/09/26 19:06 S6 330 (359/572).CCLS. US-PGPUB; OR OR OFF 2004/09/26				IBM_TDB			
S5 278 (359/571).CCLS. US-PGPUB; OR OFF 2004/09/26 19:06 USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB S6 330 (359/572).CCLS. US-PGPUB; OR OFF 2004/09/26	54	325	(359/558). <i>CCLS</i> .	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
USPAT; USOCR: EPO; JPO; DERWENT; ; IBM_TDB S6 330 (359/572).CCLS. US-PGPUB; OR OFF 2004/09/26				; IBM_TDB			
56 330 (359/572).CCLS. US-PGPUB; OR OFF 2004/09/26	<i>S</i> 5	278	(359/571). <i>CC</i> LS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
56 330 (359/572).CCLS. US-PGPUB; OR OFF 2004/09/26				; IBM_TDB			
USOCR; EPO; JPO; DERWENT	56	330	(359/572). <i>CCLS</i> .	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	2004/09/26 19:06
700 700				; IBM_TDB			

See		т	· · · · · · · · · · · · · · · · · · ·		·		T
Se	S7	658	(356/72).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
Second S				IBM_TDB			[
S9	58	1888	(356/73.1).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
S9				IBM_TDB			
SID S20 (385/128).Ca.S. S26PUB; US-PEPUB; US-PEP	59	1385	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	
USPAT: USCCE: EPC: JPC: DERWENT 19:07 10:07 19:07 19:07 19:07 19:07 19:07 19:07 19:07 10:07 19:07 19:07 19:07 19:07 19:07 19:07 19:07 10							
Sil 2621 (385/37).CCLS.	S10	820	(385/128).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
USPAT: USOCR: EPO: JPO: DERWENT 19:07 19				IBM_TDB			
S12 72 (250/559.04).CCL.S. US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S13 S5 (250/559.11).CCL.S. US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S14 680 (250/559.4).CCL.S. US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S15 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 USPAT: USCOCR: EPO; JPO; DERWENT USCOCR: EPO; JPO;	511	2621	(385/37).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
S12 72 (250/559.04).CCL.S. US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S13 S5 (250/559.11).CCL.S. US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S14 680 (250/559.4).CCL.S. US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S15 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 US-PGPUB: USPAT: USCOCR: EPO; JPO; DERWENT S16 USPAT: USCOCR: EPO; JPO; DERWENT USCOCR: EPO; JPO;				; IBM_TDB			
Si3 55 (250/559.11).CGLS. US-P6PUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB OR USPAT; USOCR; EPO; JPO; DERWENT; USOCR; EPO; DERWENT; USOCR; EPO; JPO; DERWE		· 72	(250/559.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;		OFF	1
USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB			.	IBM_TDB			
S14 680 (250/559.4).CCLS. US-PGPUB; US	513	55	(250/559.11).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	
S14 680 (250/559.4).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT USOCR; EPO; JPO; DERWENT; USOCR; EPO; DERWENT; EPO; DERWENT; EPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO			1				
515 629 (250/227.14).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; :	514	680	(250/559.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
515 629 (250/227.14).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; :				; IBM TOR			
	S15	629	(250/227.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	OFF	

			η	,	1	
S16	152	(250/227.29). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBW_TDB			
S17	669	(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
		·	IBM_TDB			
S18	329	(250/568). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			; IBM_TDB			
S19	203	(235/473).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
· S 20	5177	(435/4). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
521	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
		·	: IBM_TDB			
522	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:35
		((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)				
523	575	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/2568).CCLS.) or ((250/227.29).CCLS.) or ((250/2568).CCLS.) or ((250/257.14).CCLS.) or ((250	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2004/09/27

				1		
524	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	OFF	2004/09/26 19:53
			IBM_TDB			
S25	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 10:48
S26	298	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/266).CCLS.) or ((250/268).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2004/09/27 11:37
527	29	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5434878" "5438878" "5448582" "5503805" "5558904" "5565324" "5604097" "5641634" "5751629" "5770358" "5770455" "5840485" "5874214" "5903340" "5981180" "6043023" "6096494").PN.	USPAT	OR	ON	2004/09/27
S28	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 11:34
529	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/72).CCLS.) or ((359/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((356/73.1).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/266).CCLS.) or ((250/227.29).CCLS.) or ((250/268).CCLS.) or ((250/268).CCLS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ОИ	2004/09/27 11:58
530	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((250/	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2004/09/27 12:03

				T	· · · · · · · · · · · · · · · · · · ·
154	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2004/09/27 12:12
		IBM_TDB		}	
0	WO-02061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2004/09/27 12:12
		; IBM_TDB			
0	WO-0261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
		; IBM_TDB			
0	WO-2002061429-\$.did.	US-PGPUB: USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
		IBM_TDB			
1	WO-200261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:17
	·	; IBM_TDB			
2	("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/27
		IBM_TDB			
19	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5438878" "5448582" "5558904" "5565324" "5641634" "5751629" "5770455").PN.	USPAT	OR	ON	2004/09/27 13:28
85	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:28
	•	IBM_TOB			
9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 13:34
_					
6	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 14:02
	0 0 1 19 85	(substrate or (optic\$4 near3 fiber)) and (chemical or species or assay) WO-02061429-\$.did. WO-02061429-\$.did. WO-2002061429-\$.did. WO-2002061429-\$.did. WO-2002061429-\$.did. "5214409" "4833092" "5034613" "5136572" "5141671" "524409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5488582" "5558904" "5556324" "5641634" "571629" "570455").PN. (((435/6).CCL.S.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4) or one code or information or authent\$) and ((bind\$3 or attach\$4) or one code or information or authent\$) and ((bind\$3 or attach\$4) or one code or information or authent\$) and ((bind\$3 or attach\$4) or one code or information or authent\$) and ((bind\$3 or attach\$4) or connect\$3 or bound\$3) with (chemical or element or species or assay or in or molecule or atom\$2)	(substrate or (optic\$4 near3 fiber)) and (chemical or species or assay) Comparison of the comparison of the content of the content of the content or authent\$2 on connect\$3 or bound\$3) with (chemical or element or species or assay) and ((1435/6).C.L.S.) and (((167eagg) near3 (grating or reflect\$)) same (substrate or optic\$ near3 fiber) and (chemical or element or species or assay) on bound\$3) with (chemical or element or species or assay or ion or molecule or arths*2) USPAT: EPO: JPO: DERWENT Substrate or optic\$ near3 fiber or waveguide))) and (id or identif\$ or code or information or authent\$2) USPAT: USPAT: EPO: JPO: DERWENT Substrate or (optic\$ near3 fiber or waveguide))) and (id or identif\$ or code or information or authent\$2) USPAT: USPA	Caubstrate or (optic\$4 near3 fiber)) and (chemical or species or assay) SPAT;	(substrate or (eptic\$4 near3 fiber)) and (chemical or species or assay) (substrate or (eptic\$4 near3 fiber)) and (chemical or species or assay) (substrate or (eptic\$4 near3 fiber)) and (chemical or species or assay) (substrate or (eptic\$4 near3 fiber) (substrate or (eptic\$4 near3 fiber) and (chemical or species or assay or in or molecule or atom\$\$2\$) (substrate or (eptic\$4 near3 fireflect\$)) same (substrate or (eptic\$4 near3 fiber) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or in or molecule or atom\$\$2\$) (substrate or (eptic\$4 near3 fireflect\$)) same (substrate or (eptic\$4 near3 fiber) and (chemical or species or assay or in or molecule or atom\$\$2\$) (substrate or (eptic\$4 near3 fireflect\$5)) same (substrate or (eptic\$4 near3 fiber) and (chemical or species or assay or in or molecule or atom\$\$2\$) (substrate or (eptic\$4 near3 fireflect\$5)) same (substrate or (eptic\$4 near3 fiber) and (chemical or element or species or assay or in or molecule or atom\$\$2\$) (substrate or (eptic\$4 near3 fireflect\$5)) same (substrate or (eptic\$4 near3 fiber) and (fibratif\$5 or connect\$5 or bound\$3) with (chemical or element or species or assay or in or molecule or atom\$\$2\$)

same (substrate or (opticis near) (fiber or waveguide)))) and (for or defentifs or code or information or authents) and ((bind\$3 or attach\$4 or comect\$3 or bound\$3) with (chemical or element or species or assoy or ion or molecule or atom\$2)) S42 333 ((particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead)) and (ftas\$4 or cod\$3 or encod\$3) and (brags near3 (grating or mirror or reflect\$1)) S43 234 (((particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 for micro?particle or microbead or (micro near3 particle) or (micro near3 for micro?particle or microbead or micro?particle or micro?particle or microbead or micro?particle		1000	1 01:	00	110 000110		I	
S42 333 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)) 17:04 17	04/09/27 02	1	ON	OR	USPAT; EPO; JPO;	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay	77	541
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tog\$4 or lobel\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)) 543 234 ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tog\$4 or clabel\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4) 544 241 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 pead)) and (tog\$4 or lobel\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 tog\$4 or lobel\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 tog\$4) 545 66 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tog\$4 tor lobel\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 tog\$4) 546 150 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tog\$4 tor lobel\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 tog\$4) 547 2 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or tog\$4 or lobel\$4) with (particle or bead or micro?particle or microbead or micro?particle or microbead or (micro near3 bead)) 548 32 grating with (embed\$ or encod\$3 or cod\$3 or tog\$4 or lobel\$4) with (particle or bead or micro?particle or microbead or micro?particle or microbead or micro?particle or microbead or microparticle or microbead or micro?particle or microbead					IBM_TOB	or ion or molecule or atom\$2))		
234 ((particle or bead or microparticle or microbead or micro?particle or micro?	04/09/27 04		ON	OR .	USPAT; EPO; JPO;	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or	333	542
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (brags near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4) 544 241 (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4)) 545 66 (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4)) 546 66 (particle or bead or microparticle or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4)) 547 548 548 549 540 541 542 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or labe!\$4) with (particle or bead or micro?particle or microbead or (micro near3 particle) or (micro ne					IBM_TDB			
S44 241 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4)) (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) (uparticle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) (uparticle or bead or microparticle or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4) (uparticle or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or (micro near3 particle) or (micro near3 bead)) (uparticle or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or micro?bead or (micro near3 particle) or (micro near3 bead)) (uparticle or bead or micro?bead or (micro near3 particle) or (micro near3 bead)) (uparticle or bead or micro?bead or micro?bead or micro?bead or (micro near3 bead)) (uparticle or bead or microparticle or micro?bead or micro?bead or micro?bead or (micro near3 bead)) (uparticle or bead or microparticle or micro?bead or micro?particle or micro?bead or micro?bead or micro?bead or (micro near3 bead)) (uparticle or bead or microparticle or micro?bead or micro?bea	04/09/27 29		ON	OR	USPAT; EPO; JPO;	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or	234	S43
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 lePO; JPO; DERWENT; IBM_TDB S45 66 (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 lePO; JPO; DERWENT; IBM_TDB S46 150 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 lePO; JPO; DERWENT; IBM_TDB S47 2 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or micro?particle or microbead or micro?particle or micro					IBM_TDB			
S45 66 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or varia\$)) S46 150 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4) S47 2 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or micro?bead or (micro near3 particle) or (micro near3 bead)) S48 32 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or micro?bead or (micro near3 particle) or (micro near3 bead))	04/09/27 31		ON	OR	USPAT; EPO; JPO;	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3	241	544
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$)) S46 150 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4) S47 2 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or microbead or (micro near3 particle) or (micro near3 particle) or (particle or bead or micro?particle or m					: IBM_TDB	·		
S46 150 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IRM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IRM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IRM_TDB USPAT; EPO; JPO; DERWENT; IRM_TDB US-PGPUB; USPAT; EPO; JPO; USPAT; EPO; JPO	04/09/27 07		ON	OR	USPAT; EPO; JPO;	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3	66	S45
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 percod\$4) S47 2 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle) or (micro near3 bead)) S48 32 grating with (embed\$ or encod\$3 or tag\$4 or label\$4) with (particle or micro?bead or micro?particle or					; IBM_TDB			
S47 2 ((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or microparticle) or (micro near3 bead)) S48 32 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or microparticle or microparticle or microparticle or microparticle or (micro near3 bead)) S48 32 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microparticle or microparticle or (micro near3 bead)) S48 S48 S48 S48 S48 S48 S48 S	04/09/27 49		ON	OR	USPAT; EPO; JPO;	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3	150	S46
cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microparticle) or (micro near3 bead)) S48 32 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or micro					: IBM_TDB	·		
32 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or micropead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) 32 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with US-PGPUB; USPAT; EPO; JPO;	04/09/27 52		ON	OR	USPAT; EPO; JPO;	cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or		547
(particle or bead or microparticle or microbead or micro?particle or USPAT; micro?bead or (micro near3 particle) or (micro near3 bead)) EPO; JPO;					; IBM_TDB			
	04/09/27 13			OR	US-PGPUB; USPAT; EPO; JPO;	(particle or bead or microparticle or microbead or micro?particle or	32	548
IBM_TDB					; IBM_TDB			
S49 539 grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with US-PGPUB; OR USPAT; EPO; JPO; DERWENT	04/09/27 14		ON	OR	USPAT; EPO; JPO;		539	549
; IBM_TDB					; IBM TOR			
	04/09/27 22		ON	OR	US-PGPUB; USPAT; EPO; JPO;		61	550
IBM_TOB					;			

S51	343	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2004/09/27 18:23
S52	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
S53	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and assay	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
S54	2	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ои	2004/09/27 18:24
S55	5	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or tag\$4 or label\$4)) and assay\$3	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:25
S56	9	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:29
S57	93	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ОИ	2004/09/28 09:03
558	37374	((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:27
S59	4343	(((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
S60	344	((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 11:11

S61	22407	((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2004/09/28 11:10
542	270/		IBM_TDB	00	211	2004/00/28 11.11
562	2786	(((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
563	249	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2004/09/28 11:12
564	167547	(index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2004/09/28 11:22
565	6664	((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2004/09/28 11:22
			IBM_TDB			
566	140	(((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28
			IBW_LOB	×ι		*
S67	1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:41
			IBM_TDB			
568		("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28
			IBM_TDB			
569		("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28
			IBM_TDB			

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S70	76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or ("5166813")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:59
S71	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("5394234") or ("5442433") or ("5448659") or ("5461528") or ("5461475") or ("5465176") or ("5468649") or ("5506674") or ("5514785") or ("5528045") or ("5547849") or ("5585639") or ("5607188") or ("5621515") or ("5627040") or ("5627663") or ("5721435") or ("5729365") or ("5736330") or ("5742432") or ("5759778") or ("5760961") or ("5766956") or ("5793502") or ("5798273") or ("5799231") or ("5824478") or ("5824478") or ("5824475") or ("5824475") or ("5841555")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:18
572	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	OFF	2004/09/28 12:19
573	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5998796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6096496") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6292319") or ("6301047") or ("6304263") or ("6306587") or ("6309601") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:22
S74	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6628439") or ("6632655") or ("6635470") or ("6678429") or ("6689316") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:48
S75	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:52
			IBW_TDB			

			Т	1	Γ	
576 [°]	4	(("5671308") or ("6340588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:52
			IBM_TDB			
577	4262	(436/518).CCL.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			IBM_TDB			
578	742	(436/524).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
			IBM_TDB			
579	524	(436/525).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
			IBM_TDB			
580	627	(436/526).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
			; IBM_TDB			
581	786	(436/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
			IBM_TDB			
582	940	(436/528).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			IBM_TDB			
S83	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			; IBM_TDB			
584	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:59
			IBM_TDB			

	T			1	·	
<i>\$</i> 85	144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:00
			IBM_TDB			
586	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:49
			IBM_TDB			
S87	442	(modulat\$ with refract\$ with ind\$4 with grating) and (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:51
			IBW_LDB			
S88	34	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:49
			IBW_LDB			
S89	2	WO-9636436-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:58
			IBM_TDB			
S90	120	(LED or (light near3 emi\$5 near3 diode)) same bragg same (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:59
			IBM_TDB			

591	175	(US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	OFF	2004/09/29
		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	USPAT;			12:14
		US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$	EPO;			
		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	DERWENT			
		or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or				
1		US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or				
1		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).				
		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or				
		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$				
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or				
		US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$		İ		
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$:	Ì		
ļ		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
1		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
1		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$		'		
		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or	•			
		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$			1	
		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or	-20			
		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				
		did. or (US-5729365-\$ or US-5506674-\$ or US-5442433-\$ or				•
		US-5394234-\$ or US-5374816-\$ or US-5300764-\$ or US-5291027-\$				
		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or			ļ	
		US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$			İ	
i		or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or				
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
- 1		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				
Į		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
ı		US-20030207258-\$).did. or (US-20030207257-\$ or				
		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or				
		US-20030113766-\$ or US-20030104390-\$ or US-20030059855-\$ or				
		US-20030032039-\$ or US-20030027328-\$ or US-20030027327-\$ or				
		US-20030017581-\$ or US-20020028451-\$ or US-20010004526-\$ or				
		US-20030049620-\$ or US-20020155507-\$ or US-20040151626-\$ or				
		US-20040132214-\$ or US-20040132205-\$ or US-20030092075-\$ or				
		US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or				
		US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				
	•	US-20030068657-\$ or US-20030124599-\$).did. or				
		(US-20040175843-\$ or US-20040175842-\$ or US-20030129654-\$ or				
		US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or				
		US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or		·		
1		US-20030207328-\$ or US-20030157731-\$ or US-20030148542-\$ or				1
		US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or				
		US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or	;		1	1
		US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.			1	
		or (WO-9636436-\$).did. or (US-20020127565-\$).did.	İ			

592	18	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	ON	2004/09/29
1		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	USPAT;			12:15
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		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	DERWENT			
		or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or	;			
-		US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or	IBM_TDB			
		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).				
1		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or				
		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$				
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or			l	
		US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$				
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
- 1		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
ľ		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$				
		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$				
ì		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or				
		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$				
		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or				
l		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				
		did. or (US-5729365-\$ or US-5506674-\$ or US-5442433-\$ or				
		US-5394234-\$ or US-5374816-\$ or US-5300764-\$ or US-5291027-\$				
		, , , , , , , , , , , , , , , , , , ,				
		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or				
ļ		US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$			ļ	
		or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or			1	
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or	:		1	
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or			ļ	
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
- 1		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
1		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or			i	
		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or			i	
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
		US-20030207258-\$).did. or (US-20030207257-\$ or				
		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or				
		US-20030113766-\$ or US-20030104390-\$ or US-20030059855-\$ or				
		US-20030032039-\$ or US-20030027328-\$ or US-20030027327-\$ or				
		US-20030017581-\$ or US-20020028451-\$ or US-20010004526-\$ or				
		US-20030049620-\$ or US-20020155507-\$ or US-20040151626-\$ or				
		US-20040132214-\$ or US-20040132205-\$ or US-20030092075-\$ or				
		US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or				
		US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				
		US-20030068657-\$ or US-20030124599-\$).did. or				
		(US-20040175843-\$ or US-20040175842-\$ or US-20030129654-\$ or				
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		US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or				
		US-20030207328-\$ or US-20030157731-\$ or US-20030148542-\$ or				
		US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or		,±,		
		US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or]	
		US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.			1	
		or (WO-9636436-\$).did. or (US-20020127565-\$).did.) and (magnet\$			1	
		same (orient\$ or alian\$))			1	

10/16/2007 9:20:57 PM

593	60	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	ON	2004/09/29
		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or	USPAT;			12:54
		US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$	EPO: JPO:			
		or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	DERWENT			
		or US-6289144-\$ or US-6078705-\$ or US-6035082-\$ or	:			
		US-6005691-\$ or US-5994150-\$ or US-5961924-\$ or US-5832165-\$ or	IBM_TDB		1	
		US-5822472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$).				
- 1		did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or				
- 1		US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$			-	
		or US-4815843-\$ or US-4767719-\$ or US-4576439-\$ or				
l	!	US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-5565324-\$				
		or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
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		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$				
		or US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$				
		or US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or				1
- 1		US-4876208-\$ or US-6093536-\$ or US-5100238-\$ or US-4647544-\$				
- 1		or US-6437345-\$ or US-5922550-\$ or US-RE33581-\$ or				
		US-5118608-\$ or US-5081012-\$ or US-5003600-\$ or US-4931384-\$ or				
		, , , , , , , , , , , , , , , , , , ,				
- 1		US-4880752-\$ or US-4023010-\$ or US-4011435-\$ or US-5742432-\$).				
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		or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or				
		US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or US-5925878-\$				
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		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or		1	1	
1		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				ŀ
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or			1	
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		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or			Į.	
- 1		US-20030207258-\$).did. or (US-20030207257-\$ or				1
		US-20030207255-\$ or US-20030207254-\$ or US-20030207253-\$ or				
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		US-20030032039-\$ or US-20030027328-\$ or US-20030027327-\$ or				
		US-20030017581-\$ or US-20020028451-\$ or US-20010004526-\$ or				
		US-20030049620-\$ or US-20020155507-\$ or US-20040151626-\$ or				
		US-20040132214-\$ or US-20040132205-\$ or US-20030092075-\$ or				•
		US-20030026891-\$ or US-20030017580-\$ or US-20020192680-\$ or				
		US-20020168295-\$ or US-20020025534-\$ or US-20040145752-\$ or				
l		US-20030068657-\$ or US-20030124599-\$).did. or				
		(US-20040175843-\$ or US-20040175842-\$ or US-20030129654-\$ or				
		US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or				
		US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or				
		US-20030207328-\$ or US-20030157731-\$ or US-20030148542-\$ or				
		US-20030132406-\$ or US-20030082587-\$ or US-20020104762-\$ or				
1	ĺ	US-20020090613-\$ or US-20040063146-\$ or US-20030207256-\$ or				1
		US-20020034457-\$ or US-20020022273-\$ or US-20010031503-\$).did.				1
	٠	or (WO-9636436-\$).did. or (US-20020127565-\$).did.) and (low\$5 with				1.
		refract\$ with ind\$4)				1

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594 29	((US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$ or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$ or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$ or US-6350413-\$ or US-6317528-\$ or US-6312961-\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 12:56
5101 2	or US-6289144-\$ or US-6078705-\$ or US-5035082-\$ or US-5005691-\$ or US-594150-\$ or US-5961924-\$ or US-5832165-\$ or US-582472-\$ or US-5814565-\$ or US-5745615-\$ or US-5646400-\$). did. or (US-5455178-\$ or US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-5770455-\$ or US-4892385-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or US-6576673-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or US-65766133-\$ or US-6280935-\$ or US-6280222-\$ or US-6251691-\$ or US-62352828-\$ or US-6280935-\$ or US-6286222-\$ or US-6251691-\$ or US-62352828-\$ or US-6506153-\$ or US-657655-\$ or US-579438-\$ or US-627621-\$ or US-627621-\$ or US-627691-\$ or US-677221-\$ or US-6150516-\$ or US-5071248-\$ or US-578021-\$ or US-609353-\$ or US-5071248-\$ or US-578021-\$ or US-609353-\$ or US-5071248-\$ or US-6477241-\$ or US-609353-\$ or US-5071248-\$ or US-6477454-\$ or US-6477245-\$ or US-509353-\$ or US-5003600-\$ or US-4931384-\$ or US-518608-\$ or US-5003600-\$ or US-4931384-\$ or US-518608-\$ or US-5003600-\$ or US-4931384-\$ or US-5303600-\$ or US-4931384-\$ or US-63729365-\$ or US-5506674-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or US-5291027-\$ or US-6314220-\$ or US-6346376-\$ or US-503600-\$ or US-5921027-\$ or US-6314220-\$ or US-6346376-\$ or US-503600-\$ or US-5925878-\$ or US-5307618-\$ or US-5291027-\$ or US-6314220-\$ or US-6346376-\$ or US-5036007-\$ or US-5925878-\$ or US-503138207-\$ or US-6000256-\$ or US-600179267-\$ or US-20040179267-\$ or US-20040130761-\$ or US-20040125172-\$ or US-20040130761-\$ or US-20040125185-\$ or US-20030138207-\$ or US-20030138207-\$ or US-20030138207-\$ or US-20030138207-\$ or US-2003013960-\$ or US-2003013960-\$ or US-20030129205-\$ or US-2003013760-\$ or US-20030127253-\$ or US-20030017581-\$ or US-20030017581-\$ or US-20030017581-\$ or US-20030017581-\$ or US-20030017580-\$ or US-20030017581-\$ or US-20030017580-\$	US-PGPUB; USPAT; EPO; JPO;	OR	OFF	2005/05/06
		DERWENT			
	·	: IBM_TDB			

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5102	646	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/128).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TOB	OR	ON	2005/05/06 13:13
5103	337	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/73.1).Cals.) or ((385/12).Cals.) or ((385/128).Cals.) or ((385/128).Cals.) or ((385/37).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((435/4).Cals.) or ((435/288.7).Cals.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	02	2005/05/06 13:14
5104		(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/05/06 13:14
5105	84	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/227.29).Cals.) or ((250/568).Cals.) or ((250/227.29).Cals.) or ((435/4).Cals.) or ((435/288.7).Cals.)) and ((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR .	ON	2005/05/06 13:14
S106	174	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/06 13:14
S107	97	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14
5108	11	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/06 13:14

	Y		,	,	, ,	·
S109	8	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/05/06 13:15
			IBM_TDB			
S110	89	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/05/06 13:15
		·	IBW_TDB			
S111	150	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/06
			IBM_TDB			-
S112	246	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2005/05/06 13:16
			IBW_TDB	1		
5113	37	(("20020039732") or ("20030077038") or ("3891302") or ("3916182") or ("4725110") or ("4807950") or ("5367588") or ("5388173") or ("5559613") or ("5633975") or ("6156501") or ("6159748") or ("6174648") or ("6355432") or ("6403320") or ("6416952") or ("640667") or ("6544739") or ("6576424") or ("6646243")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/24 14:27
		(IBW_TDB			
S114	93	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/128).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((435/4).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) or ((435/	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/24 16:11
S115	113	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/01/24 16:11
1			IBW_TDB			
S116	13	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/01/24 16:12
			IBW_TDB			
5117	214	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/558).Cals.) or ((359/572).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/568).Cals.) or ((250/568).Cals.) or ((356/473).Cals.) or ((435/4).Cals.) or ((435/473).Cals.)) and ((550/566).Cals.) or ((435/288.7).Cals.)) r ((435/288.7).Cals.) or ((435/288.7).Cals.) or ((435/288.7).Cals.) or ((550/566).Cals.) or ((550/566).	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:12

5118	201	((435/6) (C) S) and ((differents on buses on believes) and a series) and	US-PGPUB;	OR	ON	2006/01/24
3116	201	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	USPAT; EPO; JPO; DERWENT	OK		16:12
			IBM_TDB		,	
S119	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2006/01/24 16:12
		indicate of crompey)	IBW_LDB			
5120	374	(((359/2).CCL.S.) or ((359/566).CCL.S.) or ((359/569).CCL.S.) or ((359/558).CCL.S.) or ((359/571).CCL.S.) or ((359/572).CCL.S.) or ((356/72).CCL.S.) or ((356/73.1).CCL.S.) or ((385/12).CCL.S.) or ((385/128).CCL.S.) or ((385/37).CCL.S.) or ((250/559.04).CCL.S.) or ((250/559.11).CCL.S.) or ((250/559.4).CCL.S.) or ((250/227.14).CCL.S.) or ((250/227.29).CCL.S.) or ((250/568).CCL.S.) or ((250/227.29).CCL.S.) or ((250/568).CCL.S.) or ((250/227.29).CCL.S.) or ((250/259.29).CCL.S.) or ((250/259.29).	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:12
5121	108	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/01/24
5122	734	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ОИ	2006/01/24 16:12	
5123	168	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2006/01/24 16:13
5124	279	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) and grating	IBM_TOB US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2006/01/24 16:13
S125	26230	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/227.29).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.) or ((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	IBM_TDB US-PGPUB; USPAT; EPO: JPO; DERWENT; ; IBM_TDB	OR	ON	2006/01/24 17:50

5126	187	S125 and ((hologra\$ or bragg or diffract\$ or phase or fiber) near3	US-PGPUB;	OR	ON	2006/01/24
		grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	USPAT; EPO; JPO; DERWENT			18:46
		or encodes)	IBW_LDB			
S127	358	S125 and (((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) same (refract\$ near3 ind\$4)) and (substrate or base) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	ON	2006/01/24 18:10
			IBW_LDB			
5128	18	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT :	OR	ON	2006/01/24 18:47
			IBM_TDB			
5129	103	(((359/2).Cals.) or ((359/566).Cals.) or ((359/569).Cals.) or ((359/558).Cals.) or ((359/558).Cals.) or ((359/571).Cals.) or ((359/572).Cals.) or ((356/72).Cals.) or ((250/559.04).Cals.) or ((250/559.11).Cals.) or ((250/559.4).Cals.) or ((250/227.14).Cals.) or ((250/227.29).Cals.) or ((250/566).Cals.) or ((250/227.29).Cals.) or ((250/227.29	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2006/05/25 12:44
		((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))				
5130	14	((435/6).CCL5.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/05/25 12:44
			IBW_LDB			
S131	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 12:44
			IBW_LDB			
5132	126	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/05/25 12:44
			IBW_LDB			
S133	220	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 12:44
			: IBM_TDB			
S134	124	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 12:44
		· · · · · · · · · · · · · · · · · · ·	IBM_TDB			

5135	177	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or	US-PGPUB;	OR	ON	2006/05/25
		((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	USPAT; EPO; JPO; DERWENT			12:44
			IBM_TDB			
5136	231	(((359/2).Cal.s.) or ((359/566).Cal.s.) or ((359/569).Cal.s.) or ((359/558).Cal.s.) or ((359/571).Cal.s.) or ((359/572).Cal.s.) or ((359/572).Cal.s.) or ((359/572).Cal.s.) or ((356/72).Cal.s.) or ((356/73.1).Cal.s.) or ((385/128).Cal.s.) or ((385/37).Cal.s.) or ((250/559.04).Cal.s.) or ((250/559.11).Cal.s.) or ((250/559.4).Cal.s.) or ((250/227.14).Cal.s.) or ((250/227.29).Cal.s.) or ((250/566).Cal.s.) or ((250/568).Cal.s.) or ((250/227.14).Cal.s.) or ((250/250/227.14).Cal.s.) or ((25	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2006/05/25 12:44
5137	293	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 12:44
6455	884	//2F0/0\ 60 C\ //2F0/F/\\ 00 C\ //2F0/F/	IBM_TDB			000/ (05/55
5138	399	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR ·	ON	2006/05/25
5139	791	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.14).CCLS.) or ((250/227.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 13:53
S140	27016	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((35/473).CCLS.) or ((435/4).CCLS.) or ((435/528).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 12:45
5141	204	5140 and ((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 12:45
			IBW_TDB			

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5142	389	S140 and (((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) same (refract\$ near3 ind\$4)) and (substrate or base) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25
			; IBM_TDB			
5143	23	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 14:08
			IBM_TOB			
S145	1307	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 14:08
			; IBM_TDB			
5146	63	((((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2006/05/25 14:21
			IBW_TOB			
S147	153	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 14:55
			IBM_TDB			
5148	43	(grating same ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried))) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (cod\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 14:59
			IBM_TDB			
5149	52	(grating same ((refract\$ near3 ind\$4) with (embed\$5 or encapsulat\$ or bury\$4 or buried))) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 15:02
			IBM_TDB			
S150	264	(grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (embed\$5 or encapsulat\$ or bury\$4 or buried)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 17:51
			; IBM_TDB			
S151	25	((grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 17:52
			; IBM_TDB			
S152	17	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 10:31
			IBW_TDB			

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	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; TRM TDR	.OR	ON	2007/06/28 10:32
163	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 10:32
		IBM_TDB			
157	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2007/06/28 10:35
221	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 10:35
		; IBM TDB			
275	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((386/72).CCLS.) or	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2007/06/28 10:35
	((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	; IBM_TOB			
348	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT;	OR	ON	2007/06/28 10:35
400	///250/20.00.00.00.00.00.00.00.00.00.00.00.00.0	_	00	011	2007/0//29
460	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or	USPAT; EPO; JPO; DERWENT ;	OR	ON	2007/06/28
	((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TOB			
947	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/227.29).CC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36
	. 163 157 221 275	(a) (a) (a) (a) (a) (a) (a) (a) (a) (a)	(optic\$ near3 (fiber or waveguide)))) and (id or Identit\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) 163 (((435/6).C.G.5) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) 157 (((435/6).C.G.5.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identit\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay) or ion or molecule or atom\$2)) 221 ((((436/518).C.G.5.) or (((436/524).C.G.5.) or (((436/526).C.G.5.) or (((436/526).C.G.5.) or (((436/526).C.G.5.) or (((436/526).C.G.5.) or (((436/526).C.G.5.) or (((436/526).C.G.5.) or (((339/558).C.G.5.) or (((339/558).C.G.5.) or (((339/558).C.G.5.) or (((339/558).C.G.5.) or (((339/559).C.G.5.) or (((339/559)	(optic\$ neard (fiber or woveguide))) and (id or identif\$ or code or information an authents) and ((bind\$x or attack\$d or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) (((435/6),CCL.S.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) (((435/6),CCL.S.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attack\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) ((((436/5816),CCL.S.) or ((436/524),CCL.S.) or ((436/525),CCL.S.) or ((436/526),CCL.S.) or ((359/737),CCL.S.) or ((359/736),CCL.S.) or ((359/736),CCL.S.) or ((359/736),CCL.S.) or ((359/736),CCL.S.) or ((250/596),CCL.S.) or ((250/596),CC	(optic* near3 (fiber or waveguide)))) and (id or identif* or code or information or autherly and (blinds or arteach\$ or coment\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) (((435/6),CCL.S.) and (((diffract* or bragg or hologra\$) near3 grating) and (substrate or (optic* fanear3 fiber)) and (chemical or species or assay)) and (refract* near3 ind\$4) (((435/6),CCL.S.) and ((((diffract* or bragg or hologra\$) near3 grating) agame (substrate or (optic* near3 (fiber or waveguide)))) and (id or identif* or code or information or autherts*) and (((ind\$3 or attach\$4) or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) ((((436/518),CCL.S.) or (((436/527),CCL.S.) or (((436/528),CCL.S.) or (((436/531),CCL.S.)) or (((436/527),CCL.S.)) or (((436/527),CCL.S.)) or (((436/521),CCL.S.)) or (((336/520),CCL.S.)) or (((359/583),CCL.S.)) or ((359/583),CCL.S.)) or ((359/583),CCL.S.)) or ((359/583),CCL.S.)) or ((359/583),CCL.S.) or ((359/583),CCL.S.)) or ((359/583),CCL.S.) or ((359/583),CCL.S.) or ((359/583),CCL.S.) or ((359/583),CCL.S.) or ((35

						2227/2//22
S161	29448	((359/2).CQLS.) or ((359/566).CQLS.) or ((359/569).CQLS.) or ((359/558).CQLS.) or ((359/558).CQLS.) or ((359/571).CQLS.) or ((356/72).CQLS.) or ((356/73).CQLS.) or ((385/12).CQLS.) or ((385/128).CQLS.) or ((385/128).CQLS.) or ((385/128).CQLS.) or ((250/559.04).CQLS.) or ((250/559.11).CQLS.) or ((250/559.4).CQLS.) or ((250/227.14).CQLS.) or ((250/227.29).CQLS.) or ((250/227.29).CQLS.) or ((250/227.29).CQLS.) or ((435/288.7).CQLS.) or ((436/518).CQLS.) or ((436/524).CQLS.) or ((436/525).CQLS.) or ((436/526).CQLS.) or ((436/528).CQLS.) or ((436/531).CQLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28
S162	265	S161 and ((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 10:36
S163	486	S161 and (((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) same (refract\$ near3 ind\$4)) and (substrate or base) and (tag\$4 or label\$4 or cod\$3 or encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 10:36
5164	. 29	(((hologra\$ or bragg or diffract\$ or phase or fiber) near3 grating) and (refract\$ near3 ind\$4) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/06/28 17:52
S165	35	((grating near5 (refract\$ near3 ind\$4)) and (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 17:53 ·
S166	199	lavarias	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2007/06/28 18:19
			IBM_TDB			

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